

Author Index to Volume 339

| | |
|--|----------------|
| Ahmed, M., D.S. Peterka, P. Regan, X. Liu and A.G. Suits, Ion pair imaging spectroscopy: $\text{CH}_3\text{Cl} \rightarrow \text{CH}_3^+ + \text{Cl}^-$ | 339 (2001) 203 |
| Ahmed, N., see Khan, K.M. | 339 (2001) 179 |
| Allouche, H., see Mittal, J. | 339 (2001) 311 |
| Anglaret, E., see Bendiab, N. | 339 (2001) 305 |
| Attinà, M., see Cacace, F. | 339 (2001) 71 |
| Bagryanskaya, E.G., see Fedin, M.V. | 339 (2001) 395 |
| Bai, C., see Wang, X. | 339 (2001) 36 |
| Ballester, P., see Quiñonero, D. | 339 (2001) 369 |
| Bässler, H., see Meskers, S.C.J. | 339 (2001) 223 |
| Baumgärtel, H., see Seccombe, D.P. | 339 (2001) 405 |
| Becker, I., see Weber, J.M. | 339 (2001) 337 |
| Becker, J.A., see Rosemeyer, M. | 339 (2001) 323 |
| Béguin, F., see Bendiab, N. | 339 (2001) 305 |
| Bendiab, N., A. Righi, E. Anglaret, J.L. Sauvajol, L. Duclaux and F. Béguin, Low-frequency Raman modes in Cs- and Rb-doped single wall carbon nanotubes | 339 (2001) 305 |
| Bensasson, R.V., see Schwell, M. | 339 (2001) 29 |
| Berg, L.-E., see Zhang, B. | 339 (2001) 438 |
| Billing, G.D., A split-Lanczos method for solving time-dependent discrete variable Gauss-Hermite dynamics | 339 (2001) 237 |
| Birczyński, A., Z.T. Lalowicz, Z. Olejniczak, G. Stoch and B. Petelenz, Low temperature domain structure in $(\text{ND}_4)_2\text{TeCl}_6$ detected by deuteron NMR spectroscopy | 339 (2001) 229 |
| Borowski, T., see Broclawik, E. | 339 (2001) 433 |
| Boudon, V., see Rotger, M. | 339 (2001) 83 |
| Boustani, I., see Shen, Z. | 339 (2001) 362 |
| Bowman, J.M., see Zou, S. | 339 (2001) 290 |
| Bradley, D.D.C., see Buckley, A.R. | 339 (2001) 331 |
| Bréchignac, Ph., see Pino, T. | 339 (2001) 64 |
| Broclawik, E. and T. Borowski, Time-dependent DFT study on electronic states of vanadium and molybdenum oxide molecules | 339 (2001) 433 |
| Brocklehurst, B., Effects of very strong magnetic fields on radical reactions: the role of g-value anisotropy | 339 (2001) 421 |
| Bryant, R.G., see Korb, J.-P. | 339 (2001) 77 |
| Bu, Y., see Feng, S. | 339 (2001) 103 |
| Buckley, A.R., M.D. Rahn, J. Hill, J. Cabanillas-Gonzalez, A.M. Fox and D.D.C. Bradley, Energy transfer dynamics in polyfluorene-based polymer blends | 339 (2001) 331 |
| Bürger, H., see Rotger, M. | 339 (2001) 83 |

Cabanillas-Gonzalez, J., see Buckley, A.R. 339 (2001) 331

Cacace, F., M. Attinà, A. Cartoni and F. Pepi, Gas-phase fluorination of acetylene by XeF^+ : Formation, structure and reactivity of $\text{C}_2\text{H}_2\text{F}^+$ isomeric ions 339 (2001) 71

Caridade, P.J.S.B., see Varandas, A.J.C. 339 (2001) 1

Cartoni, A., see Cacace, F. 339 (2001) 71

Cederbaum, L.S., see Dobrodey, N.V. 339 (2001) 263

Cerofolini, G.F. and N. Re, Studies in the acid-base theory. The base strength of amines 339 (2001) 375

Chapman, W.G., see Duda, Y. 339 (2001) 89

Chen, C., see Gao, Y. 339 (2001) 209

Chen, Y., see Gao, Y. 339 (2001) 209

Cheshnovsky, O., see Weber, J.M. 339 (2001) 337

Cheung, A.S-C., see Shi, Q. 339 (2001) 154

Chu, S.-Y., see Lin, C.-L. 339 (2001) 147

Chua, S.J., see Guo, Y.P. 339 (2001) 319

Claes, L., J.-P. François and M.S. Deleuze, Molecular packing of oligomer chains of poly(p-phenylene vinylene) 339 (2001) 216

Compton, R.N., see Hinde, R.J. 339 (2001) 167

Cong, S., see Sun, M. 339 (2001) 413

Costa, A., see Quiñonero, D. 339 (2001) 369

Dartois, E., see Pino, T. 339 (2001) 64

David Ting, P., see Duda, Y. 339 (2001) 89

Deleuze, M.S., see Claes, L. 339 (2001) 216

Demyk, K., see Pino, T. 339 (2001) 64

DeWitt, M.J., see Halls, M.D. 339 (2001) 427

Deyà, P.M., see Quiñonero, D. 339 (2001) 369

d'Hendecourt, L., see Pino, T. 339 (2001) 64

Dobrodey, N.V., A.I. Streltsov and L.S. Cederbaum, Interatomic response to core ionization of atomic clusters 339 (2001) 263

Drake, G.W.F., see Halls, M.D. 339 (2001) 427

Duclaux, L., see Bendiab, N. 339 (2001) 305

Duda, Y., L.L. Lee, Y. Kalyuzhnyi, W.G. Chapman and P. David Ting, Structure and bridge functions of fused-sphere dimeric fluids 339 (2001) 89

Dujardin, C., see Guerassimova, N. 339 (2001) 197

Engdahl, A., see Nelander, B. 339 (2001) 295

Engel, V., see Shen, Z. 339 (2001) 362

Erdmann, M., see Shen, Z. 339 (2001) 362

Fedin, M.V., P.A. Purtov and E.G. Bagryanskaya, Anisotropic hyperfine interaction-induced spin relaxation in a low magnetic field 339 (2001) 395

Feng, D., see Feng, S. 339 (2001) 103

Feng, S., D. Feng, M. Li and Y. Bu, Theoretical studies on the structures and isomerization of methylenelithofluorosilylenoid $\text{H}_2\text{C}=\text{SiLiF}$ 339 (2001) 103

Feng, Z.C., see Guo, Y.P. 339 (2001) 319

Fink, J., see Jost, O. 339 (2001) 297

Fox, A.M., see Buckley, A.R. 339 (2001) 331

François, J.-P., see Claes, L. 339 (2001) 216

Friedlein, R., see Jost, O. 339 (2001) 297

Frontera, A., see Quiñonero, D. 339 (2001) 369

Galaup, J.-P., see Schwell, M. 339 (2001) 29

Gao, Y., Y. Chen, X. Ma and C. Chen, Collisional quenching of CCl_2 radicals in the A^1B_1 (0,4,0) and a^3B_1 states by alcohols 339 (2001) 209

Garau, C., see Quiñonero, D. 339 (2001) 369

Garnier, N., see Guerassimova, N. 339 (2001) 197

Golden, M.S., see Jost, O. 339 (2001) 297

Görling, A., see Sala, F.D. 339 (2001) 343

Gorbunov, A.A., see Jost, O. 339 (2001) 297

Graff, A., see Jost, O. 339 (2001) 297

Grage, M.M.-L., T. Pullerits, A. Ruseckas, M. Theander, O. Inganäs and V. Sundström, Conformational disorder of a substituted polythiophene in solution revealed by excitation transfer 339 (2001) 96

Grimme, S., Calculation of frequency dependent optical rotation using density functional response theory 339 (2001) 380

Grobert, N., see Seeger, T. 339 (2001) 41

Guerassimova, N., N. Garnier, C. Dujardin, A.G. Petrosyan and C. Pedrini, X-ray excited charge transfer luminescence of ytterbium-containing aluminium garnets 339 (2001) 197

Guo, Y.P., J.C. Zheng, A.T.S. Wee, C.H.A. Huan, K. Li, J.S. Pan, Z.C. Feng and S.J. Chua, Photoluminescence studies of SiC nanocrystals embedded in a SiO_2 matrix 339 (2001) 319

Halls, M.D., H.B. Schlegel, M.J. DeWitt and G.W.F. Drake, Ab initio calculation of the $\text{a}^3\Sigma_u^+$ interaction potential and vibrational levels of ${}^7\text{Li}_2$ 339 (2001) 427

Hamaguchi, H.-o., see Saito, Y. 339 (2001) 351

Hansson, T., see Zhang, B. 339 (2001) 438

Harigaya, K., Tuning of magnetism in stacked nanographite with open shell electrons 339 (2001) 23

Heinze, H.H., see Sala, F.D. 339 (2001) 343

Hill, J., see Buckley, A.R. 339 (2001) 331

Hinde, R.J., M.J. Sepaniak, R.N. Compton, J. Nordling and N. Lavrik, Surface-enhanced resonance Raman scattering of adsorbates under liquid nitrogen 339 (2001) 167

Huan, C.H.A., see Guo, Y.P. 339 (2001) 319

Hübner, J., see Meskers, S.C.J. 339 (2001) 223

Inganäs, O., see Grage, M.M.-L. 339 (2001) 96

Ishikawa, N. and Y. Kaizu, Disappearance of MCD A term in the fingerprint band of cation radicals of phthalocyanine metal complexes 339 (2001) 125

Jochims, H.-W., see Seccombe, D.P. 339 (2001) 405

Johnson, M.A., see Weber, J.M. 339 (2001) 337

Jost, O., A.A. Gorbunov, J. Möller, W. Pompe, A. Graff, R. Friedlein, X. Liu, M.S. Golden and J. Fink, Impact of catalyst coarsening on the formation of single-wall carbon nanotubes 339 (2001) 297

Kafafi, Z.H., see Murata, H. 339 (2001) 161

Kaizu, Y., see Ishikawa, N. 339 (2001) 125

Kalyuzhnyi, Y., see Duda, Y. 339 (2001) 89

Khan, K.M. and N. Ahmed, A Monte-Carlo simulation study for the catalytic formation of ammonia 339 (2001) 179

Kim, J., see Weber, J.M. 339 (2001) 337

Knutson, J.R., see Shen, X. 339 (2001) 191

Korb, J.-P., A. Van-Quynh and R.G. Bryant, Proton spin relaxation induced by localized spin-dynamical coupling in proteins 339 (2001) 77

Kowalski, A., see Ottinger, Ch. 339 (2001) 53

Kroto, H.W., see Seeger, T. 339 (2001) 41

Lalowicz, Z.T., see Birczyński, A. 339 (2001) 229

Lavrik, N., see Hinde, R.J. 339 (2001) 167

Leach, S., see Schwell, M. 339 (2001) 29

Lee, J.S., Ab initio basis set and correlation limit interaction energies for He-He, He-H₂, and H-H₂ 339 (2001) 133

Lee, L.L., see Duda, Y. 339 (2001) 89

Leung, J.W-H., see Shi, Q. 339 (2001) 154

Li, G.D., see Wang, N. 339 (2001) 47

Li, J., see Zhou, X. 339 (2001) 117

Li, K., see Guo, Y.P. 339 (2001) 319

Li, M., see Feng, S. 339 (2001) 103

Li, Z.-s., see Qu, Z.-w. 339 (2001) 140

Liang, C.H., see Wang, Y.W. 339 (2001) 174

Lin, C.-L., M.-D. Su and S.-Y. Chu, Substituent effects on the stabilization of a germanium-sulfur double bond 339 (2001) 147

Liu, X., see Ahmed, M. 339 (2001) 203

Liu, X., see Jost, O. 339 (2001) 297

Liu, Y., see Walters, K.A. 339 (2001) 255

Liu, Y., see Wang, X. 339 (2001) 36

Lu, Y., see Xie, D. 339 (2001) 14

Ma, F., see Sun, M. 339 (2001) 413

Ma, X., see Gao, Y. 339 (2001) 209

Ma, X., see Zhou, X. 339 (2001) 117

Malliaras, G.G., see Murata, H. 339 (2001) 161

Masamura, M., Ab initio molecular orbital study of OH⁻(H₂O)_n and SH⁻(H₂O)_n in the gas phase 339 (2001) 279

Meng, G.W., see Wang, Y.W. 339 (2001) 174

Meskers, S.C.J., J. Hübner, M. Oestreich and H. Bässler, Time-resolved fluorescence studies and Monte Carlo simulations of relaxation dynamics of photoexcitations in a polyfluorene film 339 (2001) 223

Mittal, J., M. Monthioux, H. Allouche and O. Stephan, Room temperature filling of single-wall carbon nanotubes with chromium oxide in open air 339 (2001) 311

Möller, J., see Jost, O. 339 (2001) 297

Monthioux, M., see Mittal, J. 339 (2001) 311

Murakami, J., see Tai, Y. 339 (2001) 9

Murata, H., G.G. Malliaras, M. Uchida, Y. Shen and Z.H. Kafafi, Non-dispersive and air-stable electron transport in an amorphous organic semiconductor 339 (2001) 161

Nelander, B., A. Engdahl and T. Svensson, Erratum: The HOOO radical. A matrix isolation study [Chem. Phys. Lett. 332 (2000) 403] 339 (2001) 295

Nordling, J., see Hinde, R.J. 339 (2001) 167

Oestreich, M., see Meskers, S.C.J. 339 (2001) 223

Olejniczak, Z., see Birczyński, A. 339 (2001) 229

Oppel, M. and G.K. Paramonov, Optimal control of rotational motion of dissociation fragments by infrared laser pulses: application to a three-dimensional model of HONO₂ in the gas phase at temperatures below 1 K 339 (2001) 243

Ottinger, Ch. and A. Kowalski, Hot-atom chemiluminescence: a beam study of the N(⁴S) + CH₄ system 339 (2001) 53

Pan, J.S., see Guo, Y.P. 339 (2001) 319

Paramonov, G.K., see Oppel, M. 339 (2001) 243

Pedrini, C., see Guerassimova, N. 339 (2001) 197

Pejov, L., A gradient-corrected density functional study of indole self-association through N-H···π hydrogen bonding 339 (2001) 269

Pepi, F., see Cacace, F. 339 (2001) 71

Peteanu, L.A., see Walters, K.A. 339 (2001) 255

Petelenz, B., see Birczyński, A. 339 (2001) 229

Peterka, D.S., see Ahmed, M. 339 (2001) 203

Petrosyan, A.G., see Guerassimova, N. 339 (2001) 197

Pino, T., Ph. Bréchignac, E. Dartois, K. Demyk and L. d'Hendecourt, Electronic spectroscopy of a cyclopentafused PAH cation, the fluorene⁺: comparison between gas phase and matrix spectra 339 (2001) 64

Pompe, W., see Jost, O. 339 (2001) 297

Premvardhan, L.L., see Walters, K.A. 339 (2001) 255

Pullerits, T., see Grage, M.M.-L. 339 (2001) 96

Purtov, P.A., see Fedin, M.V. 339 (2001) 395

Qu, Z.-w., H. Zhu, Z.-s. Li and Q.-y. Zhang, Theoretical study on the reaction mechanism of BH₂⁺ and ethylene in gas-phase 339 (2001) 140

Quinonero, D., A. Frontera, P. Ballester, C. Garau, A. Costa and P.M. Deyà, A topological analysis of charge density in complexes between derivatives of squaric acid and ammonium cation 339 (2001) 369

Rahn, M.D., see Buckley, A.R. 339 (2001) 331

Ran, Q., see Shi, Q. 339 (2001) 154

Re, N., see Cerofolini, G.F. 339 (2001) 375

Redlich, Ph., see Seeger, T. 339 (2001) 41

Regan, P., see Ahmed, M. 339 (2001) 203

Rice, J.H., see Schwell, M. 339 (2001) 29

Righi, A., see Bendiab, N. 339 (2001) 305

Rosemeyer, M., R. Schäfer and J.A. Becker, Acceleration of neutral silicon cluster isomers in a helium gas expansion 339 (2001) 323

Rotger, M., V. Boudon, H. Bürger and H. Willner, High-resolution spectroscopy and analysis of the v₄ band of ⁸⁰SeF₆ 339 (2001) 83

Rühle, M., see Seeger, T. 339 (2001) 41

Ruseckas, A., see Grage, M.M.-L. 339 (2001) 96

Saito, Y. and H.-o. Hamaguchi, Dynamic symmetry lowering of the sulfate ion in aqueous solution probed by polarization-resolved CARS spectroscopy 339 (2001) 351

Sala, F.D., H.H. Heinze and A. Görling, Excitation energies of terthiophene and its dioxide derivative: a first-principles study 339 (2001) 343

Sauvajol, J.L., see Bendiab, N. 339 (2001) 305

Schäfer, R., see Rosemeyer, M. 339 (2001) 323

Schanze, K.S., see Walters, K.A. 339 (2001) 255

Schlegel, H.B., see Halls, M.D. 339 (2001) 427

Schwell, M., N.K. Wachter, J.H. Rice, J.-P. Galaup, S. Leach, R. Taylor and R.V. Bensasson, Coupling a dendrimer and a fullerene chromophore: a study of excited state properties of $C_{61}(\text{poly(aryl)acetylene})_2$ 339 (2001) 29

Seccombe, D.P., R.P. Tuckett, H.-W. Jochims and H. Baumgärtel, The observation of fluorescence from excited states of NF_2 and NF following the photodissociation of NF_3 in the 11–30 eV range 339 (2001) 405

Seeger, T., Ph. Redlich, N. Grobert, M. Terrones, D.R.M. Walton, H.W. Kroto and M. Rühle, SiO_x -coating of carbon nanotubes at room temperature 339 (2001) 41

Sepaniak, M.J., see Hinde, R.J. 339 (2001) 167

Sha, G., see Sun, M. 339 (2001) 413

Shen, X. and J.R. Knutson, Femtosecond internal conversion and reorientation of 5-methoxyindole in hexadecane 339 (2001) 191

Shen, Y., see Murata, H. 339 (2001) 161

Shen, Z., I. Boustani, M. Erdmann and V. Engel, Characterization of nuclear wave packets prepared by chirped femtosecond pulses using time-resolved photoelectron spectroscopy 339 (2001) 362

Sheng, Z., see Zhou, X. 339 (2001) 117

Shi, Q., Q. Ran, W.S. Tam, J.W-H. Leung and A.S-C. Cheung, Laser-induced fluorescence spectroscopy of CrS 339 (2001) 154

Shimizu, A. and H. Tachikawa, The dynamics on migrations of Li^+ ion and Li atom at 700 K around the circumference of graphite cluster model: A direct molecular dynamics study 339 (2001) 110

Skokov, S., see Zou, S. 339 (2001) 290

Springborg, M., Poly(cyanoacetylene): a conjugated polymer with a rich phase diagram 339 (2001) 389

Stephan, O., see Mittal, J. 339 (2001) 311

Stoch, G., see Birczyński, A. 339 (2001) 229

Streltsov, A.I., see Dobrodey, N.V. 339 (2001) 263

Su, M.-D., see Lin, C.-L. 339 (2001) 147

Sui, Y., D. Wang, J. Yin, Z.-k. Zhu and Z.-g. Wang, Investigation of dipole orientation in a side-chain second-order nonlinear optical poly(urethane-imide) by real-time variable temperature FT-IR spectroscopy 339 (2001) 186

Suits, A.G., see Ahmed, M. 339 (2001) 203

Sun, M., G. Sha, S. Cong, F. Ma, J. Xie and C. Zhang, Collisional quantum interference effect on rotational energy transfer in an atom-diatom system 339 (2001) 413

Sundström, V., see Grage, M.M.-L. 339 (2001) 96

Svensson, T., see Nelander, B. 339 (2001) 295

Tachikawa, H., see Shimizu, A. 339 (2001) 110

Tai, Y. and J. Murakami, Surface-induced fragmentation of tin cluster ions on a highly oriented pyrolytic graphite surface 339 (2001) 9

Tam, W.S., see Shi, Q. 339 (2001) 154

Tang, Z.K., see Wang, N. 339 (2001) 47

Taylor, R., see Schwell, M. 339 (2001) 29

Terrones, M., see Seeger, T. 339 (2001) 41

Theander, M., see Grage, M.M.-L. 339 (2001) 96

Tuckett, R.P., see Seccombe, D.P. 339 (2001) 405

Uchida, M., see Murata, H. 339 (2001) 161

Van-Quynh, A., see Korb, J.-P. 339 (2001) 77

Varandas, A.J.C. and P.J.S.B. Caridade, The OH(v') + O₂(v'') reaction: a new source of stratospheric ozone? 339 (2001) 1

Wachter, N.K., see Schwell, M. 339 (2001) 29

Walters, K.A., L.L. Premvardhan, Y. Liu, L.A. Peteanu and K.S. Schanze, Metal-to-ligand charge transfer absorption in a rhenium(I) complex that contains a π -conjugated bipyridine acceptor ligand 339 (2001) 255

Walton, D.R.M., see Seeger, T. 339 (2001) 41

Wang, C., see Wang, X. 339 (2001) 36

Wang, D., see Sui, Y. 339 (2001) 186

Wang, G.Z., see Wang, Y.W. 339 (2001) 174

Wang, J., Light-induced pattern formation in the excitable Belousov-Zhabotinsky medium 339 (2001) 357

Wang, N., G.D. Li and Z.K. Tang, Mono-sized and single-walled 4 Å carbon nanotubes 339 (2001) 47

Wang, X., Z. Wang, Y. Liu, C. Wang, C. Bai and D. Zhu, Ring formation and fracture of a carbon nanotube 339 (2001) 36

Wang, Y.W., G.W. Meng, C.H. Liang, G.Z. Wang and L.D. Zhang, Magnetic properties of ordered Fe_xAg_{1-x} nanowire arrays embedded in anodic alumina membranes 339 (2001) 174

Wang, Z., see Wang, X. 339 (2001) 36

Wang, Z.-g., see Sui, Y. 339 (2001) 186

Weber, J.M., J. Kim, E.A. Woronowicz, G.H. Weddle, I. Becker, O. Cheshnovsky and M.A. Johnson, Observation of resonant two-photon photodetachment of water cluster anions via femtosecond photoelectron spectroscopy 339 (2001) 337

Weddle, G.H., see Weber, J.M. 339 (2001) 337

Wee, A.T.S., see Guo, Y.P. 339 (2001) 319

Willner, H., see Rotger, M. 339 (2001) 83

Woronowicz, E.A., see Weber, J.M. 339 (2001) 337

Xie, D., Y. Lu and G. Yan, Theoretical studies for the potential energy surface and rovibrational spectra of Ne–HCN 339 (2001) 14

Xie, J., see Sun, M. 339 (2001) 413

Yan, G., see Xie, D. 339 (2001) 14

Yin, J., see Sui, Y. 339 (2001) 186

Yu, S., see Zhou, X. 339 (2001) 117

Zhang, B., L.-E. Berg and T. Hansson, Erratum: "Wavepacket dynamics and predissociation of the D $^1\Pi_u$ state of Rb₂" [Chem. Phys. Lett. 325 (2000) 577] 339 (2001) 438

Zhang, C., see Sun, M. 339 (2001) 413

Zhang, L., see Zhou, X. 339 (2001) 117

Zhang, L.D., see Wang, Y.W. 339 (2001) 174

Zhang, Q.-y., see Qu, Z.-w. 339 (2001) 140

Zheng, J.C., see Guo, Y.P. 339 (2001) 319

Zhou, X., S. Yu, J. Li, Z. Sheng, L. Zhang and X. Ma, Ab initio calculations of the potential energy surface for the reaction N(2D) + CH₃F 339 (2001) 117

Zhu, D., see Wang, X. 339 (2001) 36

Zhu, H., see Qu, Z.-w. 339 (2001) 140

Zhu, Z.-k., see Sui, Y. 339 (2001) 186

Zou, S., S. Skokov and J.M. Bowman, Ab initio calculation of resonance energies and widths of HOCl(7v_{OH} and 8v_{OH}) and comparison with experiment 339 (2001) 290

